

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7929	granules and neutral core	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:37
L2	11	granules adj5 (plant with substance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:33
L3	29925	plant with substance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:34
L4	3	(granules and neutral core) with (plant with substance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:35
L5	196	I1 and I3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:36
L6	98	I5 and polyvinylpyrrolidone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:36
L7	922205	sugar or starch or mannitol or sorbitol or xylitol or cellulose or talc	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:37

EAST Search History

L8	98	16 and 17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:37
L9	98	(granules and neutral core) and (plant with substance) and polyvinylpyrrolidone and (sugar or starch or mannitol or sorbitol or xylitol or cellulose or talc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:38
L10	77	(granules and neutral core) and (plant with substance) and polyvinylpyrrolidone with (sugar or starch or mannitol or sorbitol or xylitol or cellulose or talc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:39
L11	0	(granules and neutral core) with (plant with substance) with polyvinylpyrrolidone with (sugar or starch or mannitol or sorbitol or xylitol or cellulose or talc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:39
L12	2	(granules and neutral core) with (plant with substance) and polyvinylpyrrolidone with (sugar or starch or mannitol or sorbitol or xylitol or cellulose or talc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:39

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTACKH1617

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS	4	OCT 30	CHEMLIST enhanced with new search and display field
NEWS	5	NOV 03	JAPIO enhanced with IPC 8 features and functionality
NEWS	6	NOV 10	CA/Caplus F-Term thesaurus enhanced
NEWS	7	NOV 10	STN Express with Discover! free maintenance release Version 8.01c now available
NEWS	8	NOV 20	CA/Caplus to MARPAT accession number crossover limit increased to 50,000
NEWS	9	DEC 01	CAS REGISTRY updated with new ambiguity codes
NEWS	10	DEC 11	CAS REGISTRY chemical nomenclature enhanced
NEWS	11	DEC 14	WPIDS/WPINDEX/WPIX manual codes updated
NEWS	12	DEC 14	GBFULL and FRFULL enhanced with IPC 8 features and functionality
NEWS	13	DEC 18	CA/Caplus pre-1967 chemical substance index entries enhanced with preparation role
NEWS	14	DEC 18	CA/Caplus patent kind codes updated
NEWS	15	DEC 18	MARPAT to CA/Caplus accession number crossover limit increased to 50,000
NEWS	16	DEC 18	MEDLINE updated in preparation for 2007 reload
NEWS	17	DEC 27	CA/Caplus enhanced with more pre-1907 records
NEWS	18	JAN 08	CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS	19	JAN 16	CA/Caplus Company Name Thesaurus enhanced and reloaded
NEWS	20	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS	21	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS	22	JAN 22	CA/Caplus updated with revised CAS roles
NEWS	23	JAN 22	CA/Caplus enhanced with patent applications from India
NEWS	24	JAN 29	PHAR reloaded with new search and display fields
NEWS	25	JAN 29	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS	26	FEB 13	CASREACT coverage to be extended
NEWS	27	Feb 15	PATDPASPC enhanced with Drug Approval numbers
NEWS	28	Feb 15	RUSSIAPAT enhanced with pre-1994 records
NEWS EXPRESS			NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8
NEWS X25			X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer

agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:42:17 ON 21 FEB 2007

=> file biosis caplus embase medline scisearch
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'BIOSIS' ENTERED AT 11:43:03 ON 21 FEB 2007

Copyright (c) 2007 The Thomson Corporation

FILE 'CAPLUS' ENTERED AT 11:43:03 ON 21 FEB 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'EMBASE' ENTERED AT 11:43:03 ON 21 FEB 2007

Copyright (c) 2007 Elsevier B.V. All rights reserved.

FILE 'MEDLINE' ENTERED AT 11:43:03 ON 21 FEB 2007

FILE 'SCISEARCH' ENTERED AT 11:43:03 ON 21 FEB 2007

Copyright (c) 2007 The Thomson Corporation

=> s granules

L1 241727 GRANULES

=> s plant with substance

L2 2 PLANT WITH SUBSTANCE

=> s plant with substance

L3 2939 PLANT WITH SUBSTANCE

=> s l1 with l3

MISSING OPERATOR L1 WITH

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> s l1 and l3

L4 10 L1 AND L3

=> d ibib abs 1-10

L4 ANSWER 1 OF 10 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

ACCESSION NUMBER: 1985:355707 BIOSIS

DOCUMENT NUMBER: PREV198580025699; BA80:25699

TITLE: CARBOHYDRATE RESERVES AND PLANT GROWTH
SUBSTANCE SENSITIVITY IN PLASTIDS STOMATA AND
STATOCYTES DURING SHOOT DEVELOPMENT.

AUTHOR(S): WELLBURN F A M [Reprint author]; GOUNARIS I; WELLBURN A R

CORPORATE SOURCE: DEP BIOL SCI, UNIV LANCASTER, BAILRIGG, LANCASTER LA1 4YQ,
UK

SOURCE: Israel Journal of Botany, (1984) Vol. 33, No. 2-4, pp.
237-252.

CODEN: IJBOAU. ISSN: 0021-213X.

DOCUMENT TYPE: Article

FILE SEGMENT: BA

LANGUAGE: ENGLISH

AB Starch grains are extremely rare in the plastids of dark-grown and

CORPORATE SOURCE: Dep. Biol. Sci., Univ. Lancaster, Bailrigg/Lancaster,
LA1 4YQ, UK
SOURCE: Israel Journal of Botany (1984), 33(2-4), 237-52
CODEN: IJBOAU; ISSN: 0021-213X
DOCUMENT TYPE: Journal
LANGUAGE: English

AB Starch grains are extremely rare in the plastids of dark-grown and greening cereals. Only plastids from very young dark-grown tissues (3-5 days from germination) or those cells which ultimately have a specialized function, such as statocytes, have prominent starch granules. Developing stomata are formed by dividing subepidermal cells which subsequently push into the epidermal layers. The plastids of such guard cells retain starch granules throughout this process. Studies using light-grown barley seedlings as a linear developmental model have shown that in a region close to the intercalary meristem above the earliest proplastids (which contain no starch grains) there is a distinctive amyloplast region which equally rapidly gives rise to a region above with starchless amoeboid plastids. Determination of patterns of carbohydrate content in light-grown, dark-grown, and green cereal seedlings confirm that rapid starch accumulation and disappearance is an obligatory phase in the development of plastids in the light or in young, but not old, illuminated dark-grown tissue. In a preliminary study involving the use of various bioassays for plant growth regulator substances, regions in light-grown plants which rapidly form and mobilize starch grains have much higher contents of gibberellins and IAA than most other regions although the levels of abscisic acid are unchanged. Thus, a complex, tissue-specific sequence of carbohydrate changes is involved in shoot development, only part of this synchronization is achieved with plant growth regulators. The sensitivity of such cells to growth substances changes as they mature.

L4 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1967:463403 CAPLUS
DOCUMENT NUMBER: 67:63403
TITLE: Porous fertilizer granules
INVENTOR(S): Budan, Gerhard
PATENT ASSIGNEE(S): Wintershall A.-G., Celle
SOURCE: Ger., 3 pp.
CODEN: DEXXA9
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 1241467		19670601	DE 1963-W35015	19630802

AB Plant nutrient substances with 8-14% water were mixed with a frothing agent, e.g. sulfite waste liquor (0.1-2% dry weight basis). This mixture was vigorously stirred for approx. 1-4 min. to obtain a foamy, doughlike substance, which was pressed under low pressure into strings. The strings were cut and dried to form the fertilizer granules.

=> d his

(FILE 'HOME' ENTERED AT 11:42:17 ON 21 FEB 2007)

FILE 'BIOSIS, CAPLUS, EMBASE, MEDLINE, SCISEARCH' ENTERED AT 11:43:03 ON 21 FEB 2007

L1 241727 S GRANULES
L2 2 S PLANT WITH SUBSTANCE
L3 2939 S PLANT WITH SUBSTANCE
L4 10 S L1 AND L3

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

43.69

43.90

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-7.02

-7.02

STN INTERNATIONAL LOGOFF AT 11:44:36 ON 21 FEB 2007